

FIG. 1

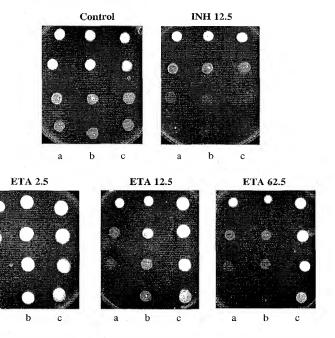


FIG. 2

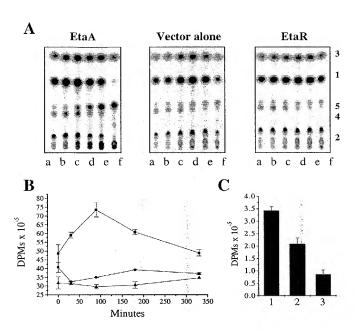
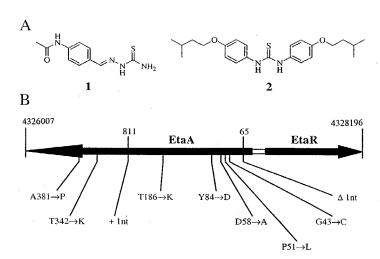


FIG. 3



Strain	ETA	TA	TC	INH	Nucleotide	Amino-acid
AS1TA _R	Н	Н	Н	S	65	-
AS2TA _R	H	H/M	M	H	127	G43→C
AS3TA _R	L	H	Н	Н	152	P51→L
AS4TA _R	L	L/M	L	M	173	D58→A
AS5TA _R	L	н	Н	М	250	Y84>D
AS6TA _R	L	М	L	-M	811	-
AS7TA _R	L	L	S	н	1025	T342→K
ASSTA _R	L	°L.	M	M	1025	T342→K
AS9TA _R	L	L	M	М	1025	T342→K
AS10TA _R	M	Н	Н	Н	1141	A381→P
AS11TA _R	Н	H	Н	S	1141	A381→P
AS12TA _R	S	H	Н	M	-	-
AS13TA _R	S	M	M	S	-	-
AS14TA _R	S	S	Н	М	•	-
ATCC3580	H	2 *	-	-	557	T186→K

C

FIG. 4

SEQ ID No.: 1

EtaA: 1467 bp - M. tuberculosis -

acggtcctcgagaaggttctcggcggtggcgaggatcgc cagttcacgatcgtcgccggacggcgcgcggtgcgccg gcccctaggcagcgaagcctgactggccgcggaggtggt $\verb|caccetggcag| cttactacgtgtcgatagtgtcgacatc|$ tcgttgacggcctcgacattacgttgatagcgtggatcc 1 - atg acc gag cac ctc gac gtt gtc atc gtg 31 - ggc gct gga atc tcc ggt gtc agc gcg gcc 61 - tgg cac ctg cag gac cgt tgc ccg acc aag 91 - agc tac gcc atc ctg gaa aag cgg gaa tcc 121 - atg ggc ggc acc tgg gat ttg ttc cgt tat 151 - ccc gga att cgc tcc gac tcc gac atg tac 181 - acg cta ggt ttc cga ttc cgt ccc tgg acc 211 - gga cgg cag gcg atc gcc gac ggc aag ccc 241 - atc ctc gag tac gtc aag agc acc gcg gcc 271 - atg tat gga atc gac agg cat atc cgg ttc 301 - cac cac aag gtg atc agt gcc gat tgg tcg 331 - acc gcg gaa aac cgc tgg acc gtt cac atc 361 - caa agc cac ggc acg ctc agc gcc ctc acc 391 - tgc gaa ttc ctc ttt ctg tgc agc ggc tac 421 - tac aac tac gac gag ggc tac tcg ccg aga 451 - ttc gcc ggc tcg gag gat ttc gtc ggg ccg 481 - atc atc cat ccg cag cac tgg ccc gag gac 511 - ctc gac tac gac gct aag aac atc gtc gtg 541 - atc ggc agt ggc gca acg gcg gtc acg ctc 571 - gtg ccg gcg ctg gcg gac tcg ggc gcc aag 601 - cac gtc acg atg ctg cag cgc tca ccc acc 631 - tac atc gtg tcg cag cca gac cgg gac ggc 661 - atc gcc gag aag ctc aac cgc tgg ctg ccg 691 - gag acc atg gcc tac acc gcg gta cgg tgg 721 - aag aac gtg ctg cgc cag gcg gcc gtg tac 751 - age gee tge cag aag tgg cea egg ege atg 781 - cgg aag atg ttc ctg agc ctg atc cag cgc 811 - cag cta ccc gag ggg tac gac gtg cga aag 841 - cac ttc ggc ccg cac tac aac ccc tgg gac 871 - cag cga ttg tgc ttg gtg ccc aac ggc gac 901 - ctg ttc cgg gcc att cgt cac ggg aag gtc 931 - gag gtg gtg acc gac acc att gaa cgg ttc 961 - acc gcg acc gga atc cgg ctg aac tca ggt 991 - cgc gaa ctg ccg gct gac atc atc att acc 1021 - gca acg ggg ttg aac ctg cag ctt ttt ggt 1051 - ggg gcg acg gcg act atc gac gga caa caa 1081 - gtg gac atc acc acg acg atg gcc tac aag 1111 - ggc atg atg ctt tcc ggc atc ccc aac atg 1141 - gcc tac acg gtt ggc tac acc aat gcc tcc 1171 - tgg acg ctg aag gcc gac ctg gtg tcg gag 1201 - ttt gtc tgt cgc ttg ttg aat tac atg gac 1231 - gac aac ggt ttt gac acc gtg gtc gtc gag 1261 - cga ccg ggc tca gat gtc gaa gag cgg ccc 1291 - ttc atg gag ttc acc cca ggt tac gtg ctg 1321 - cgc tcg ctg gac gag ctg ccc aag cag ggt 1351 - tcg cgt aca ccg tgg cgc ctg aat cag aac 1381 - tac cta cgt gac atc cgg ctc atc cgg cgc 1411 - ggc aag atc gac gac gag ggt ctg cgg ttc 1441 - gcc aaa agg cct gcc ccg gtg ggg gtt tagctttagcgacggtttagcgccggtttaggccatagt cagacgacgatgatgccgtcgtcgtcgctgtaggcgata tcgcccggaacgaatgtcaccccgcccagcgtgatttca acgtcgcgttctccggcaccggtcttggtgctcttgcgg ggattggtgcccagcgctttgatgccgatgtcgatgccg

Figure 5

EtaA:

489 aa - M. tuberculosis
1 - MTEHLDVVIV GAGISGVSAA WHLQDRCPTK SYAILEKRES MGGTWDLFRY PGIRSDSDMY
61 - TLGFRFRPWT GRQAIADGKP ILEYVKSTAA MYGIDRHIRF HHKVISADWS TAENRWTVHI
121 - QSHGTLSALT CEFLFLCSGY YNYDEGYSPR FAGSEDFVGP IIHPQHWPED LDYDAKNIVV
181 - IGSGATAVTL VPALADSGAK HVTMLQRSPT YIVSQPDRDG IAEKLNRWLP ETMAYTAVRW
241 - KNVLRQAAVY SACQKWPRRM RKMFLSLIQR QLPEGYDVRK HFGPHYNPWD QRLCLVPNGD
301 - LFRAIRHGKV EVVTDTIERF TATGIRLNSG RELPADIIIT ATGLNLQLFG GATATIDGQQ
361 - VDITTTMAYK GMMLSGIPNM AYTVGYTNAS WTLKADLVSE FVCRLLNYMD DNGFDTVVVE
421 - RPGSDVEERP FMEFTPGYVL RSLDELPKQG SRTPWRLNQN YLRDIRLIRR GKIDDEGLRF

n.

481 - AKRPAPVGV